

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 14 Sep 2021 until 23:59 on Wednesday 15 Sep 2021

Forecast Issued on Monday 13 Sep 2021 at 13:34

Confidence: High for general theme but only moderate for rainfall and cloud amounts from mid-afternoon Tuesday and into Wednesday. Remaining high for mostly dry conditions to follow until Friday afternoon, but then low for the timing and extent of rain spreading east.

Headline for Tuesday 14 Sep 2021: Outbreaks of rain. Extensive cloud obscuring views from tops.

Mountain weather hazards on Tuesday 14 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Dull	Dull	Drizzle	Light rain	Heavy Rain	Drizzle	Drizzle	Dull
Precipitation probability							
20%	20%	30%	30%	40%	30%	30%	20%

Forecast for Tuesday 14 Sep 2021

Weather: Cloud thickening during the early hours with a few outbreaks of drizzle possible. Rain becoming heavy at times, and with a chance of turning persistent through the morning. Heavier bursts clearing during the afternoon but staying cloudy with further light rain or drizzle. This remaining persistent on some slopes. Some limited drier intervals developing, however, and becoming more widespread into the evening and after dark.

Chance of cloud free mountain/hill tops above 600m: 10% throughout.

Visibility: Very limited views throughout, with visibility becoming poor during any heavier bursts of rain or drizzle. Cloud will also obscure summits above 500m for much of the day, and down to 300m at times during heavier bursts.

Forecast for Tuesday 14 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/21 SE	10/17 SE	9/15 E	9/14 E	9/14 E	9/14 E	8/13 E	9/14 NE	7/11 NE
300	4/13 SE	5/12 E	5/13 E	7/13 E	8/14 E	6/12 E	6/12 NE	7/13 NE	5/11 NE
Valley	9/19 E	7/16 E	5/12 E	6/12 E	7/12 E	5/9 E	4/9 NE	4/9 NE	5/9 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/8	10/8	11/9	12/10	12/10	11/10	11/9	10/9
300	12/11	12/11	12/11	13/12	14/13	14/14	13/13	13/12	12/12
Valley	14/12	14/12	13/13	14/14	16/15	16/16	15/15	14/14	13/13
Freezing Level*	2700m	2600m	2700m	2700m	2800m	2800m	2800m	2700m	2700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A poor day for views, with much of the hills shrouded, especially at height, and frequent rain. Waterproofs will be essential, with the best of any drier conditions later in the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 13 Sep 2021	0.4mm	1mm	11.2mm

Forecast for Wednesday 15 Sep 2021

Weather: Cloudy with the low risk of some lingering rain or drizzle during the early hours of Wednesday, but soon clearing east. A fine day follows, with overnight cloud soon breaking to give some good spells of warm sunshine. Cloud returning during the evening, with some light rain also possible.

Maximum wind: Northeasterly 5-15mph becoming Westerly 5-15mph during the afternoon.

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 60% by dawn and above 90% by midday.

Visibility: Poor during the early hours with cloud still obscuring hills above 500m, and the chance of drizzle but improving to be good to very good through the morning as cloud lifts and breaks to be above summits level. Any clearer spells through the early hours, could also allow the odd patch of mist or fog to develop in valleys.

Temperature: **Valleys:** Plus 9 Celsius rising to Plus 20 Celsius
At 600m: Plus 9 Celsius rising to Plus 14 Celsius
Freezing level: Above summits.